ABSTRACT OF THE DISCLOSURE

An aperture 12 for producing an evanescent wave is provided at an n-Au electrode 106. The aperture 12 is directed roughly perpendicularly to a direction in which end faces 104a of an active layer 104 of an optical device oppose to each other, and therefore, laser light generated in the active layer 104 is made incident in the form of the p-polarized light. By the incidence of the p-polarized laser light, an evanescent wave of a comparatively great intensity is obtained from the aperture 12. With this arrangement, an optical device capable of obtaining an evanescent wave of a comparatively great intensity is provided.